

SPECIFICATION

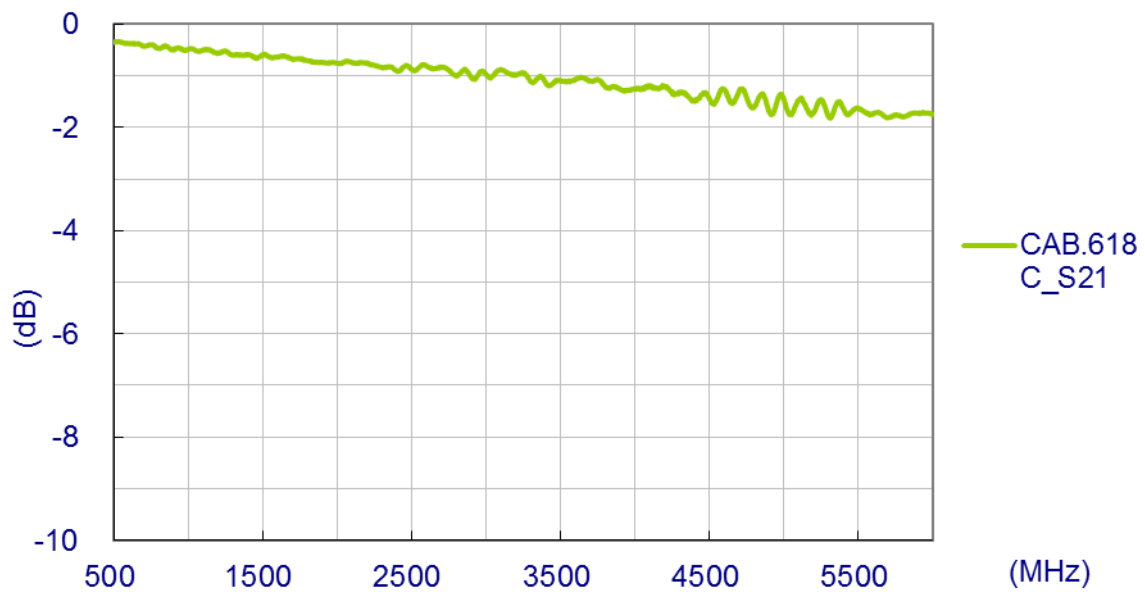
Part No. : **CAB.618.C**

Product Name : Taoglas Cable Assembly
IPEX MHFI to SMA(F)Bulkhead Straight Connector
with 200mm Ø1.13 cable

Photo :

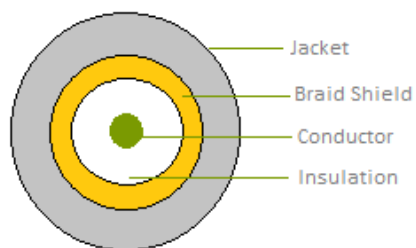


1. Cable Insertion Loss

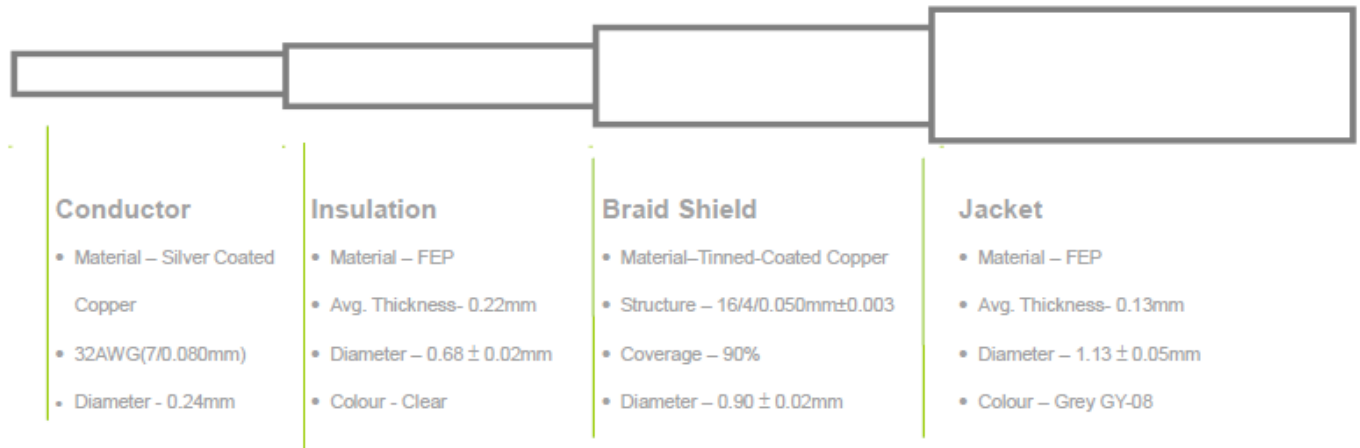


2. 1.13 Cable Specification

2.1 Drawing – Cross Section



2.2 Structure and Dimensions

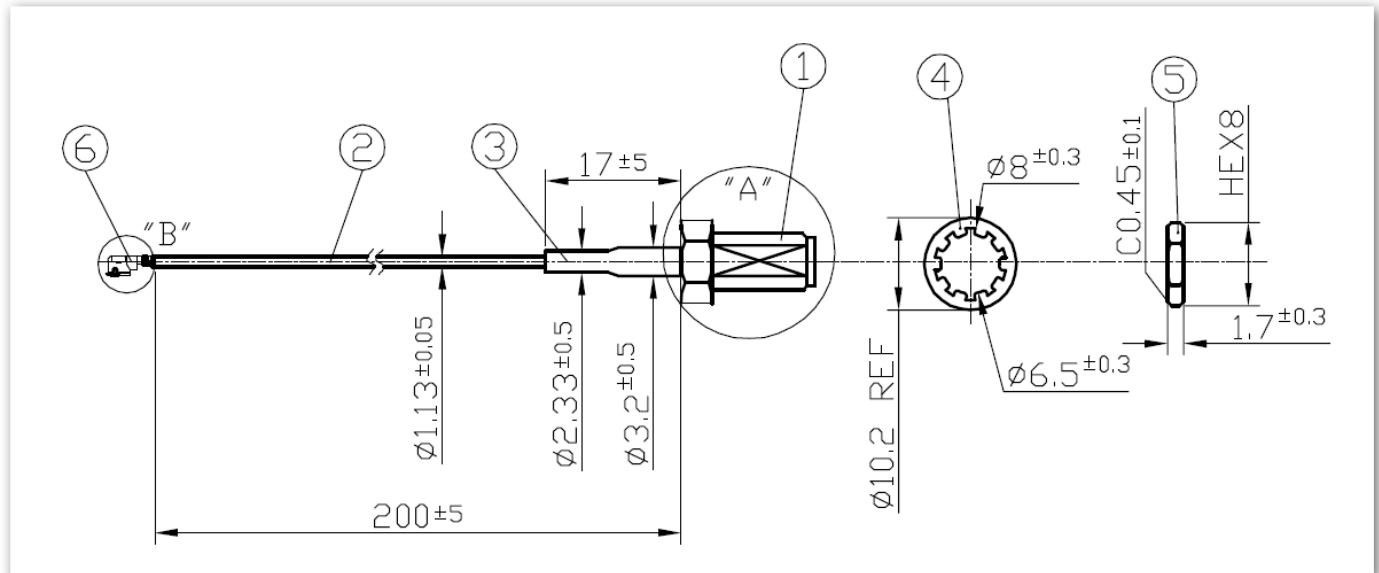


2.3 Electrical & Physical Specification

1	Item:			32 AWG
2	Rating Temp Voltage:			105°C 30V UL 1979
3	Insulation Resistance:			1000 MEGA OHM-KM Min.
4	Conductor Resistance:			545 OHM/KM/20°C Max.
5	Dielectric Strength:			AC 1.0 KV/minute
6	Spark test:			2.5 KV
7	Insulation	Unaged	Tensile Strength	2500 PSI Min.(1.76Kg/mm²)
			Elongation	200% min.
		Aged	Tensile Strength	Unaged Min 75%(168HRS*232°C)
			Elongation	Unaged Min 75%(168HRS*232°C)
8	Jacket	Unaged	Tensile Strength	2500 PSI Min.(1.76Kg/mm²)
			Elongation	200% min.
		Aged	Tensile Strength	Unaged Min 75%(168HRS*232°C)
			Elongation	Unaged Min 75%(168HRS*232°C)
9	Nom. Impedance			50 ± 3 Ohms
10	Nom. Capacitance			96 ± 3 pF/m
11	Nom. Vel. Of Prop.			69%
12	VSWR (0-6GHz)			Max 1.3
13	Flame Test			VW-1 OK
14	Attenuation (dB/1M)			2.0GHz 2.80
				2.4GHz 3.10
				3.0GHz 3.50
				4.0GHz 4.00
				5.0GHz 4.60
				6.0GHz 5.10

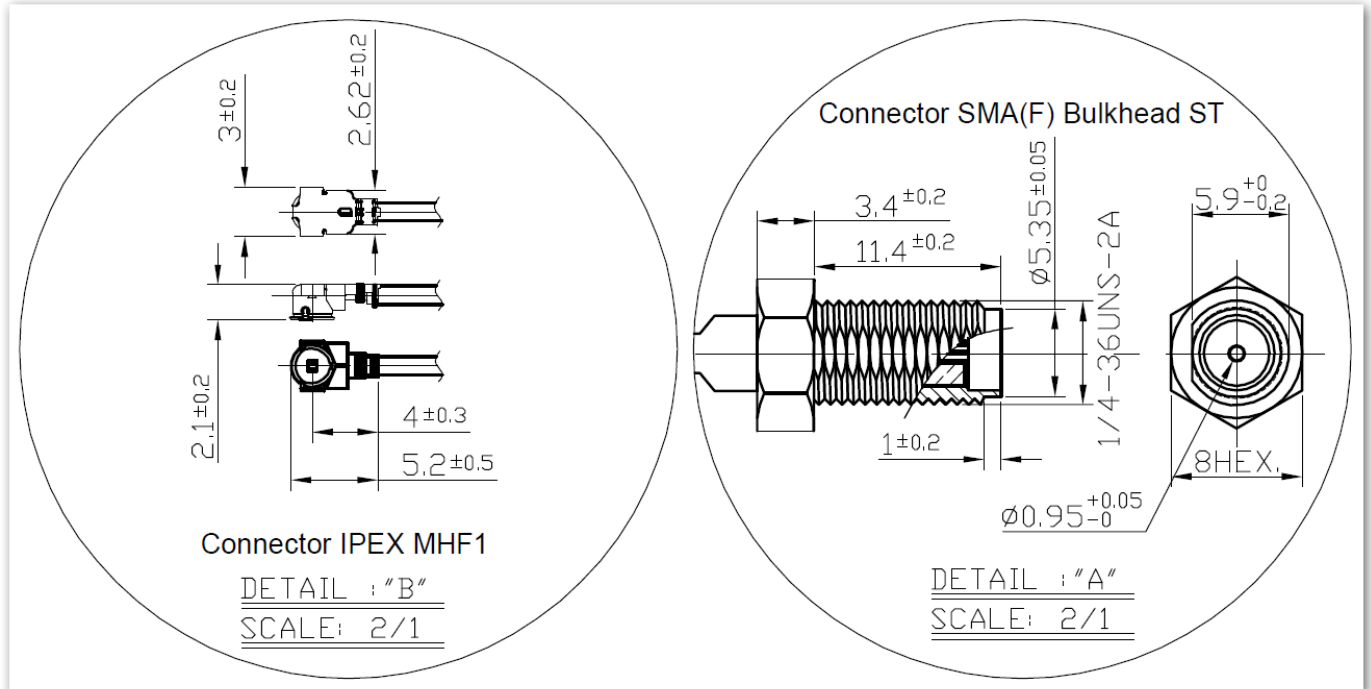
3. Technical Drawing

3.1 CAB.618.C

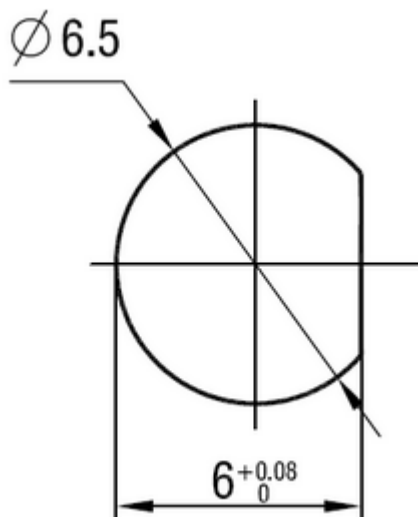


	Name	Material	Finish	QTY
1	SMA(F) Bulk Head ST	Brass	Gold	1
2	1.13 Coaxial Cable	FEP Jacket	Black	1
3	Heat Shrink Tube	PE	Black	1
4	Washer	Brass	Gold	1
5	Nut	Brass	Gold	1
6	IPEX MHF 1	Brass	Gold	1

3.2 Connectors



3.3 Recommended Mounting Hole – SMA(F) Bulkhead



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[CAB.618C](#)